

Vol.22(3)

## The Theory of Finite Modles without Equal Sign

罗里波

广东女子职业技术学院

收稿日期 2003-5-21 修回日期 网络版发布日期 2005-12-22 接受日期 2004-9-14

摘要

关键词 [Finite model](#) [Equal sign](#) [Number of models](#) [Preservation theorem](#)

分类号 [03C50](#)

## The Theory of Finite Models without Equal Sign

Li Bo LUO

Department of Mathematics, Beijing Normal University, Beijing 100875, Guangdong Women's Professional College, Guangdong 510300 P. R. China

**Abstract** In this paper we study the model theory without an equal sign for finite structures We discuss the number of models. Using formula of infinite lengths we give a characterization sentence of a theory  $T$  which says that any theory  $T$  is equivalent to a set of universal-existential.

**Key words** [Finite model](#) [Equal sign](#) [Number of models](#) [Preservation theorem](#)

DOI: 10.1007/s10114-005-0537-1

通讯作者 罗里波 [gegmm@163.com](mailto:gegmm@163.com)

### 扩展功能

#### 本文信息

- ▶ [Supporting info](#)
- ▶ [PDF\(0KB\)](#)
- ▶ [\[HTML全文\]\(0KB\)](#)
- ▶ [参考文献](#)

#### 服务与反馈

- ▶ [把本文推荐给朋友](#)
- ▶ [加入我的书架](#)
- ▶ [加入引用管理器](#)
- ▶ [复制索引](#)
- ▶ [Email Alert](#)
- ▶ [文章反馈](#)
- ▶ [浏览反馈信息](#)

#### 相关信息

- ▶ 本刊中 包含 "[Finite model](#)"的 [相关文章](#)
- ▶ 本文作者相关文章
- [罗里波](#)